

What is claimed is:

1. A stackable cassette for use in the preparation of specimens for histological examination, said cassette comprising an open top container having two side walls, a front wall, a back wall, and a bottom wall, at least one side wall having a flexible leaf disposed therein and a boss located below and inwardly of said flexible leaf.

2. A system of stackable tissue processing cassettes comprising a plurality of superimposed stackable cassettes wherein a stackable cassette comprises an open top container having two side walls, a front wall, a back wall, and a bottom wall, at least one side wall having a flexible leaf disposed therein and a boss located below and inwardly of said flexible leaf, and said flexible leafs on an underlying cassette engaging bosses on an overlying cassette in a locking engagement.

3. A system of stackable tissue processing cassettes according to Claim 2 wherein the locking engagement provides a sensory effect.

4. A system of stackable tissue processing cassettes according to Claim 2 wherein the bottom wall of an overlying cassette provides a cover wall for an underlying cassette.

5. A system of stackable tissue processing cassettes according to Claim 4 wherein the uppermost stacked cassette engages a locking cover and wherein the cover provides an identification surface.